

NB: for digitization of pictures?

Video Converter 201

cvi

COLORADO VIDEO, INCORPORATED Box 928

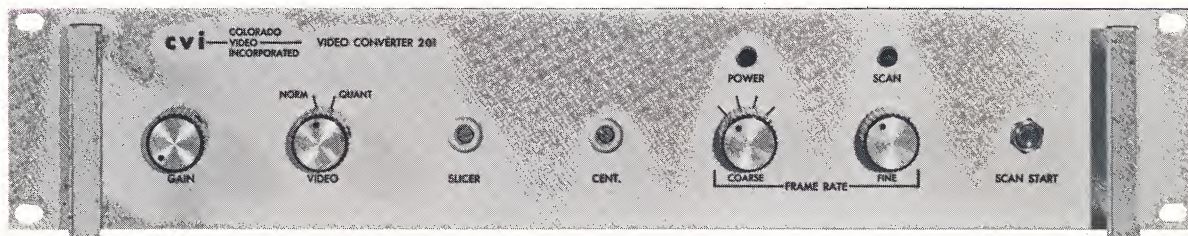
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General Description

The CVI model 201 Video Converter provides a compact, efficient means of reducing the bandwidth of conventional television signals to approximately 8 kilocycles for communications, video processing, data analysis, or other uses. High speed signal sampling is used to achieve the conversion, and a 90 degree scanning axis rotation occurs, with the output video having a line rate equivalent to the field rate of the input signal.

Slow scan TV frame rates of from 5 seconds to 60 seconds may be used, depending upon desired picture resolution. Setup and operation is simple, and conversion quality is excellent. When mating with digital equipment is required, the 201 contains an internal quantizer operating on the "real-time" video signal to produce a two level picture which is subsequently reduced in bandwidth, thus allowing the operator to quickly set slicing levels by viewing a conventional TV monitor.

The 201 may be used with 945, 875, 525, or other TV systems although performance characteristics may vary somewhat. The major constraint imposed upon the user is that the subject viewed by the TV camera must be held stationary during the time of the slow scan frame or geometric distortion will occur.



Price: \$1950.

(PRICE AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE)



Electronically converts standard TV signals
to audio bandwidths

Compact, 3½ inches of rack space

Simple setup and operation

Analog or digital output

Excellent grey scale

Variable frame rates

Features

Specifications

3½" x 19" x 8"

19" rack

Solid State

117 VAC, 15 watts

Video		1 V P-P, 75 ohms
Horizontal drive		4 V P-P, 1K ohms
Vertical drive		4 V P-P, 1K ohms
Monitor video		.5 V P-P, 75 ohms
Slow scan video		4 V P-P, 1K ohms

Gain

Video-Analog/Quantized

Slicing level

Slow scan centering

Frame rate—Coarse

Frame rate—Fine

Scan start

BNC

Size

Mounting

Construction

Power

Inputs

Outputs

Controls

Connectors